

# ► MG4 E

CAL. 5.56 MM X 45 NATO



**HK**  
HECKLER & KOCH

# SUPERIORITY HAS MANY DIMENSIONS. THE LATEST ONE IS THE MG4 E.

LIGHTWEIGHT, COMPACT AND WITH HIGH FIRE POWER: THE MG4 E MEETS ALL FUTURE REQUIREMENTS WITH RESPECT TO MOBILITY AND FIGHTING STRENGTH IN COMBAT.



02 / 3 Machine guns [ MG4 E, Cal. 5,56 mm F.23 ]

# OUR TRADITION MEANS CONSISTENCY.

THE STORY OF HECKLER & KOCH STARTED IN 1949. THE DEVELOPMENT OF THE G3 AND THE INTRODUCTION OF THIS MILESTONE AS THE INFANTRY RIFLE FOR THE GERMAN ARMY IN 1956 WERE THE FIRST STEPS ON THE ROAD TO BECOMING A WEAPONS MANUFACTURER OF EXCELLENCE. EVEN THEN OUR STRATEGY, WHICH HAS NOT CHANGED OVER THE YEARS, WAS: NO COMPROMISE.

To be consistent means to accept no compromise throughout our product range. For us, this means using only premium materials, utilizing only the most advanced manufacturing processes, and striving continuously towards innovation. The safety of the user and excellence in after sales support are central to this philosophy.

This is why our small arms products are the first choice for the military and the police forces of many NATO countries and their allies.

The Heckler & Koch "Weapons Range" philosophy optimizes logistics and economics that result in minimum long term cost and maintenance of the product for the customer. Our refusal to compromise in manufacturing and design ensures the maximum durability of the weapon and results in financial benefits in the long term.

The care and commitment we put into the manufacture of our products is at the centre of our relationship with our customers, employees and the environment. In this way, we create the basis of our own future as an innovative company.

# IN CRITICAL SITUATIONS, THE CERTAINTY TO HAVE A PERFECT WEAPON HELPS.

THE MG4 E GIVES THE USER ALL THE ADVANTAGES REQUIRED TO HELP OVERCOME ALL DIFFICULT SITUATIONS. IT HAS A COMPACT DESIGN, AND ITS HANDLING IS SIMPLE AND USER FRIENDLY. THIS REDUCES THE RISK OF USER INDUCED ERRORS. MANY SAFETY FEATURES NOT FOUND IN COMPETITOR MACHINE GUNS MAKE SURE THAT THE USER CANNOT ENDANGER HIMSELF AND OTHERS DURING A MISSION.



SAFE IN CASE OF FAULTY AMMUNITION

The bolt handle cover design ensures maximum user safety in case of faulty ammunition and prevents accidental opening of the weapon.



BOLT CAN BE LOCKED IN ANY POSITION

A safe and practical option is to lock the bolt in any position of its track. Simply lift up the locking lever and clamp it firmly against the receiver. Activating the bolt lock prevents any accidental firing.



SAFE BARREL LOCK, QUICK BARREL CHANGE

The carrying grip also performs as the barrel change grip. When it is folded down, the barrel is locked. To change the barrel, simply fold up the grip and unlock the barrel.



QUICK INDICATION OF THE LOADING STATUS

The upwards protruding loading indicator is very practical. It not only indicates visually that there is a cartridge in the feed tray but it also allows you to feel the loading status in the dark.

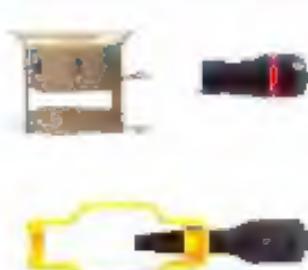
## MG4 E—THE SYSTEM

WE HAVE DEVELOPED A RANGE OF ACCESSORIES, ALL FINE TUNED TO WORK TOGETHER TO ENSURE THE MG4 E DISPLAYS ALL THE STRENGTHS OF A PERFECT WEAPON SYSTEM.



SHORT AND LONG BARREL/ADDITIONAL PROTECTION THROUGH HEAT SHIELD

The heat shield can be slipped onto both the short and the long barrels.



BLANK FIRING ATTACHMENT AND BLANK FEED TRAY FOR BLANKS



ADAPTER FOR THE NATO STANDARD 200-CARTRIDGE BELT BOX AND 200-CARTRIDGE BELT POUCH (FOR MORE FREEDOM TO MOVE)

Used for attaching box and pouch centrally below the MG4 E. They can also be attached laterally without an adapter.



TELESCOPIC SIGHT, MAGNIFICATION 3-FOLD (INTEGRATED PICATINNY RAIL AND MOUNTING OPTION FOR NS4 80I)



MECHANICAL SIGHT (OPTIONAL)

Height- and windage-adjustable. Distance adjustable to 1000 m. In addition, optical sights can also be adapted without removing the pre-mounted mechanical sight.



BELT POUCHES 100/200 CARTRIDGES  
200-CARTRIDGE BOX

# IN COMPLICATED SITUATIONS, ONLY SIMPLE SOLUTIONS WILL DO

A MACHINE GUN CAN MAKE MANY PROMISES. WHAT COUNTS IS THAT IT IS ABSOLUTELY RELIABLE IN COMBAT SITUATIONS. FEW MANUFACTURERS TEST THEIR NEW WEAPONS AS THOROUGHLY AS WE DO IN COOPERATION WITH THE USERS WHO WILL CARRY THEM LATER ON IN A MISSION.



SIMPLE AND QUICK BARREL CHANGE

Heckler & Koch set the standard for durability of barrels. At the same time, changing the MG4 E barrel could not be easier. Significantly it can be changed without using gloves, because the carrying grip is also the barrel change grip. This advantage comes into effect when the first barrel has heated up as a result of combat shooting. An additional key advantage: In the MG4 E, the barrel can be changed independently of the bolt position.



ERGONOMICALLY OPTIMISED BIPOD SOLUTION

The bipod of the MG4 E is robust and dust-resistant. It can be simply folded up and stowed away in the ergonomically formed handguard. This allows the user to hold and transport the MG4 E as conveniently as an assault rifle. It can be rotated and has variable height adjustment—absolutely necessary for uneven terrain in combat situations.



LOW SMOKE DEVELOPMENT

An additional strength of the MG4 E with other machine guns, heavy smoke development often impairs the user's vision or irritates his eyes when shots are fired in rapid sequence. The MG4 E overcomes this—it develops only a small amount of smoke whose escape is controlled towards the rear.



EASY TO STOW AWAY, EASY TO TRANSPORT

The MG4 E is ready for use with the buttstock retracted. If, in addition, the barrel is removed, the MG4 E is even more compact and with the rear sight folded down presents the minimum size for easy storage and transportation.



(RE-)LOADING WITHOUT CHANGE IN POSITION

The cover to the feed tray can be simply flipped open in the firing direction. This allows the cartridge belt to be changed in a matter of seconds. Another strength: While doing this, the MG4 E remains in the firing position.

WE USE ONLY THE BEST MATERIALS, WHICH WE PROCESS OBSERVING THE HIGHEST QUALITY ASSURANCE STANDARDS AND USING THE MOST ADVANCED MANUFACTURING TECHNOLOGIES. THIS IS DEMONSTRATED BY THE EXTREMELY HIGH SERVICE LIFE OF OUR PRODUCTS AND THEIR LOW SUSCEPTIBILITY TO REPAIRS, WHICH ULTIMATELY ALSO BRINGS FINANCIAL ADVANTAGES TO THE USER. ALL FEATURES OF THE NEW MG4 E WERE SUBJECTED TO ENDURANCE TESTING FOLLOWING THEIR DESIGN. SUCH ACTIVITY ULTIMATELY PROTECTS THE USER.



#### CONVENIENT IN COMBAT: THE CARRYING SLING

The carrying sling, available as an accessory, allows the user different carrying modes and gives him absolute freedom of movement and immediate readiness to shoot in all firing positions. The banks are simply inserted into the front and rear sling tubes of the weapon. The carrying sling design facilitates easy carrying, of the side, in front of the body or on the back.



#### MAXIMUM MOBILITY: MG4 E AS A VEHICLE WEAPON

The MG4 E can be mounted easily on the U.S. M 122 gun mount. In addition, it can be used as a secondary weapon. The ideal device for arming Mechanized Infantry Combat Vehicles for modern threat scenarios.



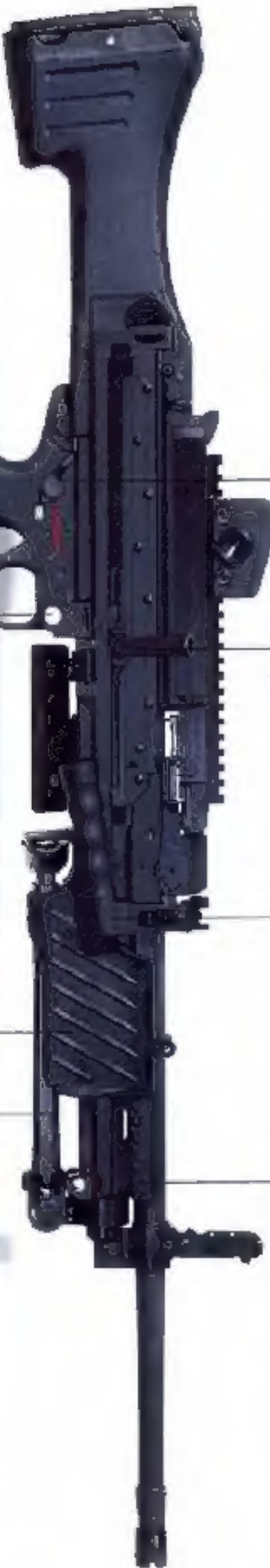
#### HIGH CARRYING COMFORT THROUGH OPTIMUM ANGLE POSITION

The carrying grip of the MG4 E is attached at an optimum angle. This ensures minimum user effort when carrying it—a great advantage when changing fire combat position.



#### ERGONOMIC SAFETY LEVER

The MG4 E is fitted with a simple ambidextrous safety lever compared to other machine guns.



ECONOMICALLY DESIGNED HANDGUN

Allows rapid and safe assembly  
due to the simplicity of the design  
and the use of standard parts.

ECONOMICALLY DESIGNED HANDGUN

BEING TESTED STANDARD STRENGTH TESTS  
(PRODUCTION)  
For the adaptation of the pistol to different  
standardized test methods (SAFETY TESTS).

STANDARD TEST METHODS (PRODUCTION)

TESTS AND TESTS  
FOR ADAPTION TO A WIDE RANGE OF APPLICATIONS.

Provides the option to lock the bolt in any  
position of its travel.

Provides the option to lock the bolt in any  
position of its travel.



ECONOMICALLY DESIGNED HANDGUN

For safety and enhanced handling of the weapon

HIGHLY DURABLE

REAR GUARD

ECONOMICALLY DESIGNED HANDGUN

For fast and frequent field testing before deployment

INTEGRATED BIPOD

Flexible orientation



## TECHNICAL DATA MG4 E/MG4 KE

|                                    | MG4 E   | MG4 KE  |
|------------------------------------|---------|---|
| Calibre                            |         | 5.56 mm x 45                                    |
| Operating principle                |         | Gas-operated                                    |
| Bolt system                        |         | Rotating bolt, fires from the open bolt         |
| Feed mechanism                     |         | Belt feed from left side with loading indicator |
| Cartridge case ejection            |         | Downwards through cartridge case deflector      |
| Modes of fire                      |         | Burst fire/sustained fire                       |
| <b>DIMENSIONS</b>                  |         |   |
| A Length, max.                     | 1030 mm | 950 mm  |
| B Length, min.                     | 830 mm  | 750 mm  |
| C Width                            | 96 mm   | 96 mm   |
| D Height <sup>1</sup>              | 228 mm  | 228 mm  |
| E Barrel length (with flash hider) | 482 mm  | 402 mm  |
| F Sight radius                     | 490 mm  | 490 mm  |
| <b>WEIGHT</b>                      |         |   |
| Weapon with bipod                  | 7.9 kg  | 7.7 kg  |
| Barrel                             | 1.7 kg  | 1.5 kg  |
| Bipod                              | 0.65 kg | 0.65 kg   |

## OTHER DATA

|                         |  |                     |
|-------------------------|--|---------------------|
| Trigger pull            | 35–55 N  | 35–55 N             |
| Rate of fire            | 725 ± 50 rounds/min                                | 725 ± 50 rounds/min |
| Muzzle velocity (void)  | 920 m/s  | 860 m/s             |
| Muzzle energy (void)    | 1692 J   | 568 J               |
| Bullet profile/twist    | Groove/land profile, 6 grooves, right-handed twist |                     |
| Sight <sup>2</sup>      | Dioptre  | Dioptre             |
| Maximum effective range | Approx. 800 m                                      | Approx. 900 m       |

NOTES: MIL-STD-2013 (Picatinny) on top and both sides; fixing points for US field mount M-22

<sup>1</sup> without sights, <sup>2</sup> no sight fixed down, <sup>3</sup> Ammunition 5.56 | <sup>4</sup> Different sights available

